

ABSTRACT OF THE DISCLOSURE

A multi-layer substrate of the invention for a low noise block down converter includes an antenna pattern conveying electric wave signals that have been carried along a waveguide, and three ground conductive layers stacked on the antenna pattern with dielectric layers therebetween. In at least one ground conductive layer of the three ground conductive layers, conductor is absent in at least part of the region that is closer to the waveguide than the antenna pattern. This provides a multi-layer substrate for a low noise block down converter where deterioration in the passage property of electric wave signals can be restrained.